

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023573.D
 Acq On : 07 Jul 2022 14:25
 Operator : SY/VA
 Sample : VSTD2.548
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5448

Quant Time: Jul 07 14:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 14:52:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	305589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	14340	2.556	ug/L	0.00
7) Chloroethane-d5	2.885	69	7019	2.211	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	15898	2.550	ug/L	0.00
21) 2-Butanone-d5	7.086	46	6058m	5.786	ug/L	0.00
24) Chloroform-d	7.653	84	22575	2.590	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	13588	2.759	ug/L	0.00
32) Benzene-d6	8.275	84	41614	2.542	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	12648	2.655	ug/L	0.00
41) Toluene-d8	10.323	98	38625	2.440	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	5098	2.391	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4378	4.731	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12513	2.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	13895	2.667	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	4015	2.261	ug/L	95
3) Chloromethane	2.215	50	11456	2.719	ug/L	92
5) Vinyl chloride	2.355	62	18407	2.718	ug/L	99
6) Bromomethane	2.770	94	11652	2.940	ug/L	90
8) Chloroethane	2.916	64	6323	2.494	ug/L	97
9) Trichlorofluoromethane	3.245	101	7676	2.777	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	11724	2.711	ug/L #	84
12) 1,1-Dichloroethene	4.044	96	8997	2.465	ug/L	87
13) Acetone	4.129	43	5683	6.530	ug/L	78
14) Carbon disulfide	4.379	76	28616	2.655	ug/L	100
15) Methyl Acetate	4.672	43	5961m	3.059	ug/L	
16) Methylene chloride	4.922	84	20000	3.913	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	11895	2.738	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	16429	2.564	ug/L #	81
19) 1,1-Dichloroethane	6.214	63	20659	2.712	ug/L #	94
20) cis-1,2-Dichloroethene	7.165	96	12311	2.564	ug/L	75
22) 2-Butanone	7.171	43	10338m	6.921	ug/L	
23) Bromochloromethane	7.513	128	6578	2.757	ug/L	90
25) Chloroform	7.677	83	23932	2.771	ug/L	97
27) 1,2-Dichloroethane	8.403	62	16509	2.828	ug/L	100
29) Cyclohexane	7.952	56	14709	2.392	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	18738	2.706	ug/L	98
31) Carbon tetrachloride	8.073	117	17160	2.696	ug/L	98
33) Benzene	8.323	78	49642	2.684	ug/L	100
34) Trichloroethene	9.092	95	12986	2.711	ug/L	95
35) Methylcyclohexane	9.335	83	19389	2.524	ug/L	94
37) 1,2-Dichloropropane	9.372	63	12183m	2.740	ug/L	
38) Bromodichloromethane	9.646	83	16214	2.570	ug/L	88
39) cis-1,3-Dichloropropene	10.073	75	16823	2.495	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	14509	4.819	ug/L	97
42) Toluene	10.390	91	49843	2.496	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	14726	2.345	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	9994	2.593	ug/L	95
46) Tetrachloroethene	10.860	164	9923	2.662	ug/L	93
48) 2-Hexanone	10.963	43	10472	5.170	ug/L	94
49) Dibromochloromethane	11.128	129	11113	2.422	ug/L	98
50) 1,2-Dibromoethane	11.238	107	9644	2.541	ug/L #	94
51) Chlorobenzene	11.658	112	36105	2.651	ug/L	96
52) Ethylbenzene	11.731	91	55666	2.483	ug/L	94
53) m,p-Xylene	11.835	106	20459	2.314	ug/L	91
54) o-Xylene	12.164	106	18405	2.193	ug/L	98
55) Styrene	12.183	104	31310	2.137	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	13064	2.656	ug/L	98
59) Bromoform	12.347	173	5948	2.509	ug/L	98
60) Isopropylbenzene	12.463	105	49371	2.388	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	9498	2.913	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	39026	2.275	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	39340	2.289	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	25899	2.681	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	26777	2.706	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	23144	2.561	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	2274	2.954	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	16589	2.594	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	12917	2.518	ug/L	96
71) Naphthalene	15.365	128	24467	2.191	ug/L	96
72) 1,2,3-Trichlorobenzene	15.548	180	12189	2.547	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

